

Converting Colors

$Y_{xy}(25.0514, 0.4595, 0.3090)$

Have a look what the booklet for
Yxy(25.0514, 0.4595, 0.3090)
contains.

Yxy(25.1102, 0.4596, 0.3090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.1102, 0.4596, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	DE6072
RGB	222, 96, 114
RGB Percent	87%, 38%, 45%
CMY	0.1294, 0.6236, 0.5529
CMYK	0.00, 0.57, 0.49, 0.13
HSL	351°, 66%, 62%
HSV	351°, 57%, 87%
XYZ	37.3484, 25.1102, 18.8042
YIQ	135.7260, 69.3180, 32.3100

Conversions

Conversions Part 2

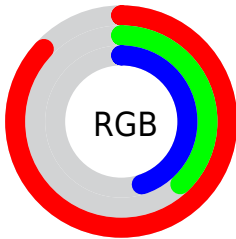
Format	Color
R_{YB}	222, 96, 114
Decimal	14573682
CIE _{Lab}	57.18, 50.78, 14.80
CIE _{LCh}	57, 52.895, 16.248
Yxy	25.1102, 0.4596, 0.3090
Android (android.graphics.Color)	4292763762 (0xFFDE6072)
YUV	135.7260, -10.7109, 75.6623
Hunter-Lab	50.1101, 45.3482, 12.8280

Details

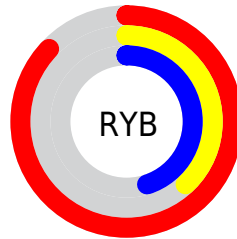
The Yxy color **25.1102, 0.4596, 0.3090** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **59.0949, 0.2502, 0.3533**, and the grayscale version is **24.5344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.1464, 0.4021, 0.3135**, and **9.5923, 0.5142, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **21.2276, 0.5022, 0.3079**, and if you desaturate by 10%, it is **30.2291, 0.4214, 0.3117**.

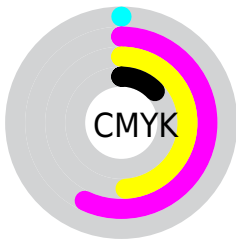
Distribution



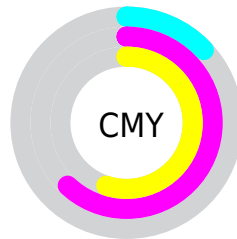
- Red (87%)
- Green (38%)
- Blue (45%)



- Red (87%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (57%)
- Yellow (49%)
- Black (13%)





- Cyan (13%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1102, 0.4596, 0.3090 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.1102, 0.4596, 0.3090 by changing the saturation by 10% instead.


 25.1102, 0.4596,
0.3090


 25.1102, 0.4596,
0.3090


278.3863, 0.3782,
0.3228


 16.1592, 0.4825,
0.3039


 51.8359, 0.4281,
0.3151

 9.6369, 0.5134,
0.2963


 70.3795, 0.4169,
0.3171

 5.1589, 0.5568,
0.2841

 92.8892, 0.4076,
0.3186

 2.3408, 0.6210,
0.2626

 119.7497, 0.3998,
0.3198

 0.7952, 0.7660,
0.2340

151.3453, 0.3932,
0.3208

 0.0000, 1.0000,
0.0000


188.0603, 0.3875,


 0.0000, 0.0000,


0.3216


0.0000


230.2792, 0.3826,
0.3223


 25.1102, 0.4596,
0.3090

 25.1102, 0.4596,
0.3090


 21.2276, 0.5022,
0.3079

 30.2291, 0.4214,
0.3117

 18.4727, 0.5459,
0.3090

 36.6730, 0.3888,
0.3152


 16.7245, 0.5855,
0.3127

 44.5271, 0.3620,
0.3191

 15.8272, 0.6154,
0.3188

 53.8683, 0.3402,
0.3229

 15.6347, 0.6228,
0.3205

 64.7679, 0.3226,
0.3266

■ 77.2926, 0.3085,
0.3301

■ 91.5052, 0.2971,
0.3332

■ 94.2717, 0.2929,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.1102, 0.3791, 0.2536



25.1102, 0.4596, 0.3090



25.1102, 0.4911, 0.3718

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.1102, 0.4596, 0.3090



25.1102, 0.3171, 0.4914



25.1102, 0.1726, 0.2051

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.1102, 0.4596, 0.3090



59.0949, 0.2502, 0.3533

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.1102, 0.1616, 0.2460



25.1102, 0.4596, 0.3090



25.1102, 0.2370, 0.4251

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.1102, 0.4596, 0.3090



25.1102, 0.4004, 0.4866



25.1102, 0.1823, 0.3247



25.1102, 0.2141, 0.1963

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.1102, 0.4596, 0.3090



25.1102, 0.4796, 0.4147



25.1102, 0.1823, 0.3247



25.1102, 0.1655, 0.2148

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.1115, 0.4596, 0.3090



73.2264, 0.3409, 0.3228



26.3511, 0.2994, 0.1877



15.0866, 0.3450, 0.3220



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1115, 0.4596, 0.3090



28.2835, 0.5100, 0.3079



35.1615, 0.4503, 0.3803



13.7323, 0.3270, 0.3257



9.2952, 0.6202, 0.3190



0.6546, 0.5835, 0.2988

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.1115, 0.4596, 0.3090



28.2835, 0.5100, 0.3079



39.5645, 0.2284, 0.2665



13.7323, 0.3270, 0.3257



9.2952, 0.6202, 0.3190



0.6546, 0.5835, 0.2988

Previews

White Background



This preview shows how the Yxy color 25.1102, 0.4596, 0.3090 looks on a white background.

Color Contrast Check

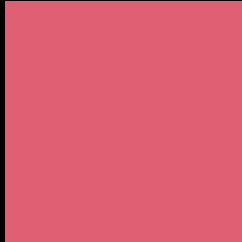
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.1102, 0.4596, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

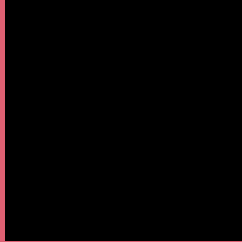
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1102, 0.4596, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 25.1102, 0.4596, 0.3090.



This preview shows how white text looks on a background with the Yxy color 25.1102, 0.4596, 0.3090.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.1102, 0.4596, 0.3090

Protanopia

25.3033, 0.3192, 0.3324

Deuteranopia

25.1623, 0.3745, 0.3673



Tritanopia

25.1070, 0.4715, 0.3227

Trichromacy



Original Color

25.1102, 0.4596, 0.3090

Protanomaly

23.9974, 0.3667, 0.3215

Deuteranomaly

24.3867, 0.4061, 0.3422

Tritanomaly

25.0043, 0.4665, 0.3170

Monochromacy



Original Color

25.1102, 0.4596, 0.3090

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.4487, 0.3621, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1102, 0.4596, 0.3090 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 96, 114)` looks like.

```
.text, #text, p{  
  color:rgb(222, 96, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 96, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 96, 114) }
```

Border

The CSS property to change the border of an element to Yxy 25.1102, 0.4596, 0.3090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 96, 114) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(222, 96, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(222, 96, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 96, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 96, 114);  
box-shadow:4px 4px 4px 4px rgb(222, 96,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1102, 0.4596, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 96, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222, 96,  
114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor